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Federal Agencies

June 17, 2002

WRITER'S DIRECT NUMBER:

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Box: Missing Parts

Re: U.S. Utility Patent Application
Appl. No. 09/987,457; Filed: November 14, 2001
For: **Methods for Large Scale Protein Production in Prokaryotes**
Inventors: MANOSROI *et al.*
Our Ref: 0652.2180001/EKS/Y-W

Sir:

In reply to the Notice to File Missing Parts of Nonprovisional Application Under 37 C.F.R. § 1.53(b) dated December 17, 2001, Applicants submit the following documents for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Fee Transmittal Form (PTO/SB/17);
2. Petition for Extension of Time Under 37 C.F.R. § 1.136(a)(1);
3. Copy of the Notice to File Missing Parts of Non-Provisional Application Under 37 C.F.R. § 1.52(b);
4. Declaration for Patent Application, executed by Jiradej MANOSROI, Aranya MANOSROI, Chatchai TAYAPIWATANA and Rolf-Guenther WERNER;
5. Declaration for Patent Application, executed by Friedrich GOETZ;
6. Power of Attorney from Assignee, executed by Dieter LAUDIEN and Marion HOSS;
7. Certificate Under 37 C.F.R. § 3.73(b) from the Assignee, executed by Dieter LAUDIEN, with a copy of the Assignment attached;

Commissioner for Patents

June 17, 2002

Page 2

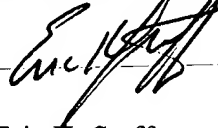
8. Submission of Substitute Certified Copy of Priority Document, Great Britain Patent Application No. GB 00 27 782.2, filed November 14, 2000;
9. Letter to Draftsman at PTO: Submission of Formal Drawings containing 16 sheets of drawings: (Figures 1-15, 16A and 16B);
10. Our Check No. 35535 for \$ 2,590.00 to cover:
\$740.00 for Filing Fee for Patent Application (37 C.F.R. § 1.16);
\$280.00 for Multiple Dependent Claim Surcharge;
\$130.00 for Surcharge for late filing of Declaration (37 C.F.R. § 1.16);
\$ 1,440.00 for the Extension of Time fee for four (4) months; and
11. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Eric K. Steffe
Attorney for Applicants
Registration No. 36,688

EKS/Y-W/mjg
Enclosures

SKGF_DC1:3672.1

<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 10px; margin-right: 10px; text-align: center;"> O I P E JUN 17 2002 PATENT AND TRADEMARK OFFICE </div> <div> <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">for FY 2002</h3> <p style="font-size: small; margin: 5px 0;">Patent fees are subject to annual revision.</p> </div> </div>				Complete if Known																																																																																																																																																																																	
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1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to: <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Deposit Account Number 19-0036 Deposit Account Name Sterne, Kessler, Goldstein & Fox P.L.L.C. </div> <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27		3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td>\$130.00</td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for <i>ex parte</i> reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116</td> <td>400</td> <td>216</td> <td>200</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117</td> <td>920</td> <td>217</td> <td>460</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1,440</td> <td>218</td> <td>720</td> <td>Extension for reply within fourth month</td> <td>\$1,440.00</td> </tr> <tr> <td>128</td> <td>1,960</td> <td>228</td> <td>980</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119</td> <td>320</td> <td>219</td> <td>160</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>320</td> <td>220</td> <td>160</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>280</td> <td>221</td> <td>140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - 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2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Other* <small>*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.</small>		1. BASIC FILING FEE <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>740</td> <td>201</td> <td>370</td> <td>Utility filing fee</td> <td>\$740.00</td> </tr> <tr> <td>106</td> <td>330</td> <td>206</td> <td>165</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107</td> <td>510</td> <td>207</td> <td>255</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>740</td> <td>208</td> <td>370</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114</td> <td>160</td> <td>214</td> <td>80</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (1) (\$)</td> <td>\$740.00</td> </tr> </tbody> </table> 2. EXTRA CLAIM FEES <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th></th> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims - 20** =</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>Indep. Claims - 3** =</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td>\$280.00</td> <td>\$280.00</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>103</td> <td>18</td> <td>203</td> <td>9</td> <td>Claims in excess of 20</td> </tr> <tr> <td>102</td> <td>84</td> <td>202</td> <td>42</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>104</td> <td>280</td> <td>204</td> <td>140</td> <td>Multiple dependent claim</td> </tr> <tr> <td>108</td> <td>84</td> <td>209</td> <td>42</td> <td>**Reissue independent claims over original patent</td> </tr> <tr> <td>110</td> <td>18</td> <td>210</td> <td>9</td> <td>**Reissue claims in excess of 20 and over original patent</td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (2) (\$)</td> <td>280.00</td> </tr> </tbody> </table> ** or number previously paid, if greater; For Reissues, see above		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	740	201	370	Utility filing fee	\$740.00	106	330	206	165	Design filing fee		107	510	207	255	Plant filing fee		108	740	208	370	Reissue filing fee		114	160	214	80	Provisional filing fee		SUBTOTAL (1) (\$)					\$740.00		Extra	Fee from below	Fee Paid	Total Claims - 20** =	X			Indep. Claims - 3** =	X			Multiple Dependent		\$280.00	\$280.00	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	103	18	203	9	Claims in excess of 20	102	84	202	42	Independent claims in excess of 3	104	280	204	140	Multiple dependent claim	108	84	209	42	**Reissue independent claims over original patent	110	18	210	9	**Reissue claims in excess of 20 and over original patent	SUBTOTAL (2) (\$)					280.00																																																																																				
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SUBMITTED BY <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <td style="width: 50%;">Name (Print/Type) Eric K. Steffe</td> <td style="width: 20%;">Registration No. (Attorney/Agent) 36,688</td> <td style="width: 30%;">Telephone 202-371-2600</td> </tr> <tr> <td colspan="2">Signature </td> <td>Date 6/17/02</td> </tr> </table>		Name (Print/Type) Eric K. Steffe	Registration No. (Attorney/Agent) 36,688	Telephone 202-371-2600	Signature		Date 6/17/02	Complete (if applicable) <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <td style="width: 50%;">Name (Print/Type) Eric K. Steffe</td> <td style="width: 20%;">Registration No. (Attorney/Agent) 36,688</td> <td style="width: 30%;">Telephone 202-371-2600</td> </tr> <tr> <td colspan="2">Signature </td> <td>Date 6/17/02</td> </tr> </table>		Name (Print/Type) Eric K. Steffe	Registration No. (Attorney/Agent) 36,688	Telephone 202-371-2600	Signature		Date 6/17/02																																																																																																																																																																						
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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



UNITED STATES PATENT AND TRADEMARK OFFICE

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WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/987,457	11/14/2001	Aranya Manosroi	0652.2180001

CONFIRMATION NO. 6677

FORMALITIES LETTER



OC000000007201181

26111
STERNE, KESSLER, GOLDSTEIN & FOX PLLC
1100 NEW YORK AVENUE, N.W., SUITE 600
WASHINGTON, DC 20005-3934

Date Mailed: 12/17/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$280.
 - \$280 for multiple dependent claim surcharge.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 1150.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.


The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

06/20/2002 JBALINAN 00000022 09987457

01 FC:101	740.00 OP
02 FC:105	130.00 OP
03 FC:104	280.00 OP

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

#5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re application of:

MANOSROI et al.

Appl. No. 09/987,457

Filed: November 14, 2001

For: **Methods for Large Scale Protein
Production in Prokaryotes**

Confirmation No. 6677

Art Unit: 1632

Examiner: To be assigned

Atty. Docket: 0652.2180001/EKS/Y-W

Letter to PTO Draftsman: Submission of Formal DrawingsCommissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith are sixteen (16) sheets of formal drawings with Figures 1-15, 16A and 16B, corresponding to the informal drawings submitted with the above-captioned application. Identification of the drawings is provided in accordance with 37 C.F.R. § 1.84(c). Acknowledgment of the receipt, approval, and entry of these formal drawings into this application is respectfully requested.

In Reply to the Office's notice requiring a petition under 37 C.F.R. § 1.84(b)(1) and/or a petition fee for Acceptance of Black and White Photographs, Applicants request that the requirement be withdrawn. 1213 OG 108.

It is not believed that an extension of time is required, other than any already provided herewith. However, if an extension of time is needed to prevent abandonment of the application, then such extension of time is hereby petitioned. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Eric K. Steffe
Attorney for Applicants
Registration No. 36,688Date: 6/17/021100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600